

**IN THE CLAIMS**

Claims 1-43 were originally filed.

No claims are cancelled.

No claims are added.

Claims 1, 3-29, and 43 are amended without prejudice.

Accordingly, claims 1-43 are pending.

**CLAIM LISTING**

Please consider the following amendments to the claims of the present application as set forth below. In accordance with the PTO's revised amendment format, changes are shown by strikethrough (for deleted matter) or underlining (for added matter).

- B1
1. (Currently amended) A method for synchronizing streaming content with enhancing content comprising ~~the following steps~~:
- receiving an announcement on a monitored address containing information specifying how and when to receive upcoming enhancing content and being a ~~at least one of~~ broadcast ~~and~~ or a multicast, the announcement being sent at a time prior to sending the enhancing content, the enhancing content associated with the streaming content;
  - receiving the streaming content;
  - receiving the enhancing content according to the information contained in the announcement and at a time in synchronization with the streaming content; and
  - enhancing the streaming content with the enhancing content.

2. (Original) A method as recited in claim 1, wherein the announcement contains parameters selected from a group comprising: a broadcast locator, a time

1 when the corresponding enhancing content is to be sent, a protocol, an identity of  
2 the streaming content that the enhancing content enhances, and a page that  
3 contains a starting point for the enhancing content.

4  
5 3. (Currently amended) A method as recited in claim 1, wherein the  
6 enhancing content comprises triggers, and data files, the method further  
7 comprising ~~the following steps~~:

8 receiving the data files; and

9 receiving the triggers at times in synchronization with the streaming  
10 content, the triggers causing operations involving the data files in order too timely  
11 introduce the enhancing content with the streaming content.

12  
13 4. (Currently amended) A method as recited in claim 3, wherein the  
14 enhancing content further comprises dependency files that contain instructions to  
15 present content contained in the data files, the method further comprising ~~the step~~  
16 ~~of~~ delivering the data files together with the dependency files in a cabinet (CAB)  
17 file format.

18  
19 5. (Currently amended) A method as recited in claim 1, wherein the receiving  
20 ~~steps comprise the step of~~ comprises receiving the streaming content and the  
21 enhancing content in a composite stream of one source.

22  
23 6. (Currently amended) A method as recited in claim 1, wherein the receiving  
24 ~~comprises steps comprise the following steps~~:

25 receiving the streaming content from a first source; and

1 receiving the enhancing content from a second source different from the  
2 first source.

3  
4 7. (Currently amended) A method as recited in claim 1, further comprising  
5 ~~the step of~~ displaying the enhancing content as a ticker.

6  
7 8. (Currently amended) A computer-readable medium having computer-  
8 executable instructions for performing ~~the steps of~~ the method as recited in claim  
9 1.

10  
11 9. (Currently amended) A method for synchronizing streaming content with  
12 enhancing content comprising ~~the following steps~~:

13 forming announcements containing information specifying a first address  
14 and a time at which to receive upcoming triggers;

15 sending the announcements by one of broadcast and multicast to a second  
16 address;

17 monitoring the second address to receive the announcements;

18 filtering the announcements to retain selected announcements;

19 monitoring the first address at the time specified in the selected  
20 announcements to receive the triggers; and

21 processing the triggers to coordinate presentation of the enhancing content  
22 with the streaming content.

23  
24 10. (Currently amended) A method as recited in claim 9, wherein the forming  
25 ~~step~~ comprises the step of creating an announcement to contain parameters

1 selected from a group comprising: a broadcast locator, a time when a  
2 corresponding trigger is to be broadcast, a broadcast protocol, an identity of the  
3 streaming content that the enhancing content enhances, and a page that contains a  
4 starting point for the enhancing content.

5  
6 11. (Currently amended) A method as recited in claim 9, wherein the  
7 processing step comprises ~~the step of~~ receiving the enhancing content according to  
8 a predetermined protocol and storing the enhancing content.

9  
10 12. (Currently amended) A method as recited in claim 9, wherein the  
11 processing step comprises ~~the step of~~ navigating within a container HTML page.

12  
13 13. (Currently amended) A method as recited in claim 9, wherein the  
14 processing step comprises ~~the step of~~ invoking a script within a container HTML  
15 page.

16  
17 14. (Currently amended) A method as recited in claim 9, further comprising  
18 ~~the step of~~ sending the enhancing content together with the triggers.

19  
20 15. (Currently amended) A method as recited in claim 9, further comprising  
21 ~~the step of~~ delivering the streaming content, the enhancing content, and the  
22 triggers from a same source.

23  
24 16. (Currently amended) A method as recited in claim 9, further comprising  
25 ~~the following steps:~~

1 delivering the enhancing content from a first source; and  
2 delivering the streaming content and the triggers from a second source  
3 different from the first source.  
4

5 17. (Currently amended) A method as recited in claim 9, further comprising  
6 ~~the step of~~ displaying the enhancing content together with the streaming content.  
7

8 18. (Currently amended) A method as recited in claim 9, wherein the  
9 enhancing content comprises a ticker, and further comprising ~~the following steps~~:  
10 delivering triggers that contain items for the ticker;  
11 displaying the ticker together with the streaming content; and  
12 presenting the items from the triggers within the ticker.  
13

14 19. (Currently amended) Computer-readable media distributed at a content  
15 provider and a client and having computer-executable instructions for performing  
16 ~~the steps of~~ the method as recited in claim 9.  
17

18 20. (Currently amended) A method comprising ~~the following steps~~:  
19 displaying streaming content;  
20 monitoring an announcement address to receive announcements pertaining  
21 to enhancing content for enhancing the streaming content, the announcements  
22 containing information that specify a trigger address and times at which to receive  
23 upcoming triggers;  
24 filtering the announcements to retain selected announcements;  
25 storing the selected announcements;

B1  
cont.

1 monitoring the trigger address at the times specified in the selected  
2 announcements to receive corresponding triggers; and

3 processing the triggers to cause one of the following events to occur: (1)  
4 receive one or more data files having the enhancing content, or (2) utilize the  
5 enhancing content in the data files to enhance the streaming content.

6  
7 **21.** (Currently amended) A method as recited in claim 20, further comprising  
8 ~~the step of~~ caching the data files.

9  
10 **22.** (Currently amended) A method as recited in claim 20, further comprising  
11 ~~the step of~~ presenting the streaming content and the enhancing content using an  
12 HTML page.

13  
14 **23.** (Currently amended) A method as recited in claim 20, further comprising  
15 ~~the following steps:~~

16 using information from the trigger to invoke a script; and  
17 executing the script to enhance the streaming content.

18  
19 **24.** (Currently amended) A method as recited in claim 20, further comprising  
20 ~~the following steps:~~

21 receiving triggers that contain items for a ticker;  
22 displaying the ticker together with the streaming content; and  
23 presenting the items from the triggers within the ticker.

24  
25 **25.** (Currently amended) A computer-readable medium having computer-

1 executable instructions for performing ~~the steps of~~ the method as recited in claim  
2 20.

3  
4 **26.** (Currently amended) A method comprising ~~the following steps:~~  
5 monitoring an IP (Internet Protocol) address to receive triggers in  
6 synchronization with a streaming content, wherein enhancing content is associated  
7 with the streaming content;  
8 receiving an announcement on a monitored address containing information  
9 specifying how and when to receive upcoming enhancing content, wherein each  
10 trigger containing contains at least one item for to be displayed on a ticker;  
11 forming an array of the items received in the triggers; and  
12 displaying the array of the items within the ticker.

13  
14 **27.** (Currently amended) A method as recited in claim 26, further comprising  
15 ~~the step of~~ receiving announcements at another IP address, the announcements  
16 being used to announce upcoming transmissions of the triggers.

17  
18 **28.** (Currently amended) A computer-readable system having computer-  
19 executable instructions for ~~performing the following steps:~~  
20 monitoring an announcement address to receive announcements pertaining  
21 to enhancing content for enhancing the streaming content, the announcements  
22 containing information that specify a trigger address and a time at which to receive  
23 upcoming triggers;  
24 filtering the announcements to retain selected announcements;  
25 monitoring the trigger IP address at the time specified in one of the selected

1 announcements to receive a corresponding trigger; and

2 processing the trigger to cause utilization of the enhancing content to  
3 enhance the streaming content.

4  
5 **29.** (Currently amended) A computer-readable system having computer-  
6 executable instructions for performing ~~the following steps~~:

7 monitoring an IP address to receive enhancing content, wherein the  
8 enhancing content is received according to instructions contained in the  
9 announcement, and wherein the enhancing content comprises triggers, each trigger  
10 containing at least one item; and

11 presenting a ticker that contains the items.

12  
13 **30.** (Previously presented) A system for synchronizing streaming content with  
14 enhancing content, comprising:

15 at least one content server;

16 a client;

17 the content server being configured to form announcements that contain  
18 information specifying an IP address and a time at which to receive upcoming  
19 triggers, the content server sending the announcements by at least one of  
20 broadcasting and multicasting to the client; and

21 the client being configured to receive the announcements and monitor the  
22 IP address at the time specified in the announcements to receive the triggers, the  
23 client processing the triggers to coordinate presentation of the enhancing content  
24 with the streaming content.

25



1 **31.** (Original) A system as recited in claim 30, wherein the announcements  
2 contain parameters selected from a group comprising: a broadcast locator, a time  
3 when a corresponding trigger is to be broadcast, a broadcast protocol, an identity  
4 of the streaming content that the enhancing content enhances, and a page that  
5 contains a starting point for the enhancing content.

6  
7 **32.** (Original) A system as recited in claim 30, wherein the client receives the  
8 enhancing content according to a predetermined protocol and caches the  
9 enhancing content.

10  
11 **33.** (Original) A system as recited in claim 30, wherein the client uses  
12 information from the trigger to navigate within a container HTML page.

13  
14 **34.** (Original) A system as recited in claim 30, wherein the client uses  
15 information from the trigger to invoke a script within a container HTML page.

16  
17 **35.** (Original) A system as recited in claim 30, wherein the content server  
18 delivers the streaming content, the enhancing content, and the triggers.

19  
20 **36.** (Original) A system as recited in claim 30, wherein the content server  
21 delivers the enhancing content and the triggers, and further comprising a second  
22 content server to deliver the streaming content.

23  
24 **37.** (Original) A system as recited in claim 30, wherein the triggers contain  
25 items for a ticker and the client displays the ticker together with the streaming

1 content.

2  
3 **38.** (Original ) A client software architecture, comprising:

4 a video control to play video content;

5 a listener to monitor an announcement IP (Internet Protocol) address to  
6 receive announcements pertaining to enhancing content for enhancing the video  
7 content, the announcements containing information that specify a trigger IP  
8 address and times at which to receive upcoming triggers;

9 the listener further monitoring the trigger IP address at the times specified  
10 by the announcements to receive corresponding triggers; and

11 a rendering component to present the video content and to enhance the  
12 video content with the enhancing content according to instructions received in the  
13 triggers.

14  
15 **39.** (Original) A client software architecture as recited in claim 38, further  
16 comprising a storage to hold the announcements in correlation with an identity of  
17 the video content.

18  
19 **40.** (Original) A client software architecture as recited in claim 38, further  
20 comprising a cache to hold the enhancing content.

21  
22 **41.** (Original) A client software architecture as recited in claim 38, wherein the  
23 listener and video control are contained within an HTML page rendered by the  
24 rendering component.  
25

1 42. (Original) A client software architecture as recited in claim 41, wherein the  
2 HTML page also has one or more scripts to process the instructions contained in  
3 the triggers.

4  
5 43. (Currently amended) A client software architecture, comprising:

6 a) a first code segment for monitoring a broadcast or multicast IP address to  
7 receive enhancing content including triggers according to information contained in  
8 an announcement, wherein each trigger contains ~~containing~~ at least one item for a  
9 ticker; and

10 b) a second code segment for rendering the ticker with the items received  
11 via the triggers.

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